

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10/698,439

CRF Edit Date: 8/27/04
Edited by: ZC

☐ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

☐ Corrected the SEQ ID NO. Sequence numbers edited were:

ENTERED

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☒ Deleted: ☒ Invalid beginning/end-of-file text ; _____ page numbers

☐ Inserted mandatory headings/numeric identifiers, specifically:

☐ Moved responses to same line as heading/numeric identifier, specifically:

☐ Other:



IFWO

RAW SEQUENCE LISTING

DATE: 08/27/2004

PATENT APPLICATION: US/10/698,439

TIME: 16:28:46

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\08272004\J698439.raw

4 <110> APPLICANT: SIGA PHARMACEUTICALS, INC.
 6 <120> TITLE OF INVENTION: New Intergenic and Intragenic Integration Sites for
 7 Foreign Gene Expression in Recombinant S. Gordonii Strains
 9 <130> FILE REFERENCE: 016921-167
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/698,439
 C--> 12 <141> CURRENT FILING DATE: 2003-11-03
 14 <150> PRIOR APPLICATION NUMBER: US 60/184,645
 15 <151> PRIOR FILING DATE: 2000-02-24
 17 <160> NUMBER OF SEQ ID NOS: 49
 19 <170> SOFTWARE: PatentIn version 3.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 17
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: Olligonucleotide CF4
 29 <400> SEQUENCE: 1
 30 aatagggctc gagcggc 17
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 27
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: Olligonucleotide CF5
 42 <400> SEQUENCE: 2
 43 ggatcctaatac gactcact atagggc 27
 47 <210> SEQ ID NO: 3
 48 <211> LENGTH: 26
 49 <212> TYPE: DNA
 50 <213> ORGANISM: Artificial Sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: Olligonucleotide CF35
 55 <400> SEQUENCE: 3
 56 cgattcgaca tagaaataaa ttggag 26
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 62 <211> LENGTH: 22
 63 <212> TYPE: DNA
 64 <213> ORGANISM: Artificial Sequence
 66 <220> FEATURE:
 67 <223> OTHER INFORMATION: Olligonucleotide CF43
 69 <400> SEQUENCE: 4
 70 gtttggtgac ctatagtcag tg 22
 74 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING

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TIME: 16:28:46

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\08272004\J698439.raw

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75 <211> LENGTH: 22
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83 tggatggcat gaatgtatag at 22
86 <210> SEQ ID NO: 6
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91 <220> FEATURE:
92 <223> OTHER INFORMATION: Oligonucleotide TB59
94 <400> SEQUENCE: 6
95 aaagaagcat aacatatgtc aaaacaag 28
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 26
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Oligonucleotide TB85
106 <400> SEQUENCE: 7
107 acacttcac acattgatac cccaga 26
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111 <211> LENGTH: 27
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Oligonucleotide TB86
119 <400> SEQUENCE: 8
120 ccatttgacc atgagaagac atccatc 27
123 <210> SEQ ID NO: 9
124 <211> LENGTH: 31
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Oligonucleotide TB95
131 <400> SEQUENCE: 9
132 aaatctccat ttgaatgaag tgcctctggg g 31
135 <210> SEQ ID NO: 10
136 <211> LENGTH: 33
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Oligonucleotide TB96
143 <400> SEQUENCE: 10
144 gtccacaaag tgctcaatat tatcccgatt gag 33
147 <210> SEQ ID NO: 11
148 <211> LENGTH: 31

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Input Set : A:\pto.kd.txt

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153 <223> OTHER INFORMATION: Oligonucleotide TB100
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160 <211> LENGTH: 36
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Oligonucleotide TB103
167 <400> SEQUENCE: 12
168 ggaattccat atgcggataa taaatatata taaacg 36
171 <210> SEQ ID NO: 13
172 <211> LENGTH: 37
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Oligonucleotide TB104
181 <400> SEQUENCE: 13
182 ggaattccat atgcgattca caaaaaatag gcacacg 37
185 <210> SEQ ID NO: 14
186 <211> LENGTH: 23
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Oligonucleotide TB107
193 <400> SEQUENCE: 14
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197 <210> SEQ ID NO: 15
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199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Oligonucleotide TB117
205 <400> SEQUENCE: 15
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211 <212> TYPE: DNA
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215 <223> OTHER INFORMATION: Oligonucleotide CF4
217 <400> SEQUENCE: 16
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221 <210> SEQ ID NO: 17
222 <211> LENGTH: 30
223 <212> TYPE: DNA

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Input Set : A:\pto.kd.txt

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226 <220> FEATURE:
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237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Oligonucleotide CF9
243 <400> SEQUENCE: 18
244 taccgtcccc ctaggaaacc tcttgac 28
247 <210> SEQ ID NO: 19
248 <211> LENGTH: 31
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Oligonucleotide CF10
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256 tgacttactg gggatcaagc ctgattggga g 31
259 <210> SEQ ID NO: 20
260 <211> LENGTH: 31
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Oligonucleotide CF11
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273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Oligonucleotide CF14
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284 <211> LENGTH: 22
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Oligonucleotide CF15
291 <400> SEQUENCE: 22
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296 <210> SEQ ID NO: 23
297 <211> LENGTH: 21
298 <212> TYPE: DNA
299 <213> ORGANISM: Artificial Sequence

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TIME: 16:28:46

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\08272004\J698439.raw

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301 <220> FEATURE:
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309 <211> LENGTH: 22
310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Oligonucleotide CF17
316 <400> SEQUENCE: 24
317 gagttttcaat ggtcttgtct gg 22
320 <210> SEQ ID NO: 25
321 <211> LENGTH: 25
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332 <210> SEQ ID NO: 26
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334 <212> TYPE: DNA
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360 <212> TYPE: DNA
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370 <210> SEQ ID NO: 29
371 <211> LENGTH: 22
372 <212> TYPE: DNA
373 <213> ORGANISM: Artificial Sequence
375 <220> FEATURE:

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/698,439

DATE: 08/27/2004

TIME: 16:28:47

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\08272004\J698439.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date



IFWO

RAW SEQUENCE LISTING

DATE: 08/25/2004

PATENT APPLICATION: US/10/698,439

TIME: 16:22:37

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\08252004\J698439.raw

4 <110> APPLICANT: SIGA PHARMACEUTICALS, INC.
 6 <120> TITLE OF INVENTION: New Intergenic and Intragenic Integration Sites for
 7 Foreign Gene Expression in Recombinant S. Gordonii Strains
 9 <130> FILE REFERENCE: 016921-167
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/698,439
 C--> 12 <141> CURRENT FILING DATE: 2003-11-03
 14 <150> PRIOR APPLICATION NUMBER: US 60/184,645
 15 <151> PRIOR FILING DATE: 2000-02-24
 17 <160> NUMBER OF SEQ ID NOS: 49
 19 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

627 <210> SEQ ID NO: 49
 628 <211> LENGTH: 220
 629 <212> TYPE: DNA
 630 <213> ORGANISM: Artificial Sequence
 632 <220> FEATURE:
 633 <223> OTHER INFORMATION: Dyad symmetry sequence followed by a stretch of thymidine
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 636 <400> SEQUENCE: 49
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 639 aaaccttaaa aatcaaattt tagaaataag tcaaatttta gaaataagtc aaattttaga 120
 641 aataagtcaa atttttagaaa taagtcaaat ttaataaag ctttatctta ttttaagaac 180
 643 tgtctacatt atagaccaca atgttattaa ttttttagcta 220

E--> 646 016921-167.st25

E--> 651 Page 11

delete

Does Not Comply
 Corrected Diskette Needed
 (ps. 12)

VERIFICATION SUMMARY

DATE: 08/25/2004

PATENT APPLICATION: US/10/698,439

TIME: 16:22:38

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\08252004\J698439.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date ✓
L:646 M:254 E: No. of Bases conflict, LENGTH:Input:25 Counted:224 SEQ:49 ✓
L:646 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:11 ✓
L:646 M:112 C: (48) String data converted to lower case,
M:254 Repeated in SeqNo=49
L:651 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2 ✓
L:651 M:252 E: No. of Seq. differs, <211> LENGTH:Input:220 Found:228 SEQ:49 ✓